

## **FIREFIGHTER I/II**

The certification to this level will require the following:

- Step 1- Fulfill the examination entrance criteria
- Step 2- Submission and acceptance of an application, Medical Authorization for Certification form, Protective Clothing Compliance form, and fee by the deadline date.
- Step 3- Successful completion of a written examination.
- Step 4- Successful completion of a non-fire skills practical examination.
- Step 5- Successful completion of a fire skills practical examination.
- Step 6- Submission of proof of having met the medical first responder law of the Commonwealth.

### **STEP ONE- EXAMINATION ENTRANCE CRITERIA**

Examination entrance criteria for this level is the following:

- 1- At least 18 years of age at the time of the examination.
- 2- Possess a high school diploma or GED at the time of the examination.
- 3- Be a member of the Massachusetts fire service.

### **STEP TWO- APPLICATION PROCEDURE**

The application, "Medical Authorization for Certification" form, "Protective Clothing Compliance" form, and fee must be submitted and received at the Massachusetts Firefighting Academy no later than the deadline date noted in the examination schedule. The fee must be in the form of a personal check, bank draft, money order, municipal check, or municipal purchase order made to the order of the Massachusetts Firefighting Academy Trust Fund. All others will be rejected. Upon acceptance, the candidate will be assigned to the examination date requested on the application. All applicants will be notified by mail and if accepted will be supplied with all examination procedures.

### **STEP THREE- WRITTEN EXAMINATION**

This section will consist of 150 multiple choice questions given in a 180 minute period designed to examine the knowledge of basic skills required by NFPA Standard 1001 for Firefighter I and II, 2002 edition, in the following subject areas: General, Fire Department Communications, Fireground Operations, Rescue Operations, and Prevention, Preparedness, and Maintenance.

The reference materials from which the questions for this written examination will be drawn are the following International Fire Service Training Association (IFSTA) manuals.

Essentials of Firefighting, fourth edition.

Hazardous Materials for First Responders, third edition.

Hazardous Materials: Managing the Incident, second edition.

Candidates will be issued a DOT Emergency Response Guidebook and will be asked specific questions concerning this manual.

Upon successful completion of this written examination (70% or greater), the candidate will be assigned to a non-fire skills practical examination. The candidate will be notified by mail of the examination date, time, location, and supplied with examination information to include examination procedures and all potential practical skills to be examined.

### SAMPLE QUESTIONS

The following are sample questions to represent most of the **type** of questions a candidate will be asked to answer during the written examination.

1. For a candidate for this level of certification to be successful, he or she must do the following.
  - A. Take the examination process seriously.
  - B. Read all documentation carefully.
  - C. Study all references and applicable skill sheets closely.
  - D. All of the above.
2. A fire extinguisher rated "BC" is designed to extinguish a fire involving...
  - A. Ordinary combustibles.
  - B. Flammable liquids greases only.
  - C. Flammable liquids and energized electrical equipment.
  - D. Energized electrical equipment only.
3. Of the following, which is **not** a respiratory hazard for the firefighter?
  - A. Elevated temperatures
  - B. Smoke
  - C. Oxygen deficiency
  - D. Large pieces of broken glass
4. The advantages of metal ladders being built from heat-treated aluminum alloy are they...
  - A. are lightweight, have adequate strength, and permit reliable visual inspection of all ladder parts.
  - B. are lightweight, have adequate strength, and conduct electricity.
  - C. are lightweight, have an increased possibility of articles freezing to the ladder in cold temperatures, and permit reliable visual inspection of all ladder parts.
  - D. have good electrical conductivity qualities, have adequate strength, and permit reliable visual inspection of all ladder parts.
5. The use of a solid or straight stream on the base of a fire is termed...
  - A. an indirect attack.
  - B. a direct attack.
  - C. a combination attack.
  - D. a straight attack.

### ANSWERS

1. B    2. C    3. D    4. A    5. B

## **STEP FOUR- NON-FIRE SKILLS PRACTICAL EXAMINATION**

**NOTICE: THIS PRACTICAL EXAMINATION REQUIRES THE PARTICIPANT TO UNDERGO VIGOROUS PHYSICAL EXERTION FOR AN EXTENDED PERIOD OF TIME.**

The candidate will be examined in selected skills as required by NFPA 1001, Firefighter I and II, 2002 edition. Areas include, but are not limited to, the following: General, Fire Department Communications, Fireground Operations, Rescue Operations, and Prevention, Preparedness, and Maintenance.

All candidates will receive ALL potential skills sheets, which may be examined, but this practical examination will only address a certain few. All candidates should be able to demonstrate all skills as notification of which skills to be examined will be given only on the day of the non-fire skills practical examination.

Upon successful completion of this non-fire skills practical examination (70% or greater on each skill with no failures on critical points), the candidate will be assigned to a fire skills practical examination. The candidate will be notified by mail of the examination date, time, location, and supplied with examination information to include examination procedures and all potential practical skills to be examined.

## **STEP FIVE- FIRE SKILLS PRACTICAL EXAMINATION**

**NOTICE: THIS PRACTICAL EXAMINATION REQUIRES THE PARTICIPANT TO UNDERGO VIGOROUS PHYSICAL EXERTION FOR AN EXTENDED PERIOD OF TIME.**

The candidate will be examined in selected skills as required by NFPA 1001, Firefighter I and II, 2002 edition. Areas include, but are not limited to, the following: General, Fire Department Communications, Fireground Operations, Rescue Operations, and Prevention, Preparedness, and Maintenance. This examination involves live fire extinguishment such as structures, vehicles, dumpsters, etc. Candidates will work in teams to complete the evolutions.

All candidates will receive ALL potential skills sheets, which may be examined, but this practical examination will only address a certain few. All candidates should be able to demonstrate all skills as notification of which skills to be examined will be given only on the day of the fire skills practical examination.

Candidates must achieve a 70% or greater on each skill with no failures on critical points to obtain a passing score in this fire skills examination. Candidates will be notified by mail of their examination results.

## **STEP SIX- MEDICAL FIRST RESPONDER FULFILLMENT**

The applicant will be required to submit proof of successful completion of a course of instruction fulfilling the First Responder Training requirements of 105 CMR 171.010 through 171.240 as established by MGL Chapter 111, section 201 prior to becoming certified by the Training Council. This documentation may be submitted in any of the following forms.

A letter from the fire department Chief stating the candidate has met the requirements of 105 CMR 171.010 - 171.240 as established by MGL 111, section 201 OR...

A copy of a current Cardiopulmonary Resuscitation certification card and a current First Responder Medical certification card which meets or exceeds the requirements of MGL Chapter 111, section 201 OR...

A copy of a current Emergency Medical Technician certification card OR...

A letter from the instructor(s) stating the candidate has successfully completed a course of instruction in Cardiopulmonary Resuscitation and First Responder Medical Training which meets or exceeds the requirements of MGL Chapter 111, section 201 OR...

Any combination of the above, which fulfills the requirements as established by MGL Chapter 111, section 201.

Applicants are encouraged to submit this documentation with their application, "Medical Authorization for Certification" form, "Protective Clothing Compliance" form, and fee.

### **PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS**

**Protective clothing-** Protective clothing will be inspected prior to any candidate participating in either examination (non-fire or fire) to assure the clothing meets the minimum requirements established by the Council. Your acceptance package will outline the inspection process for protective clothing. The Training Council reserves the right not to allow a candidate to participate in the examination for a lack of minimum protective clothing. There will be NO protective clothing available at the examination site.

**Self-Contained Breathing Apparatus-** Those candidates who wish to bring their own SCBA are encouraged to do so. However, it must meet the following minimum requirements:

1. Duration of at least 30 minutes.
2. Capable of being operated in the positive pressure mode.
3. NIOSH/MSHA approved.
4. Spare air bottles must be from the same SCBA manufacturer as the unit.

SCBA will also be inspected prior to a candidate participating in either practical examination (non-fire or fire) and the Training Council reserves the right to not allow a candidate to be examined with SCBA not meeting the above criteria.

**Facial hair-** Manufacturers of self-contained breathing apparatus and OSHA regulations recommend that persons wearing beards, side-burns, or lengthy hair styles should not wear self-contained breathing apparatus since it may interfere with a proper facepiece seal and render the unit ineffective. The Massachusetts Fire Training Council endorses this same policy. As Firefighter certification examinations utilize and examine SCBA practical skills, persons wearing beards, sideburns or lengthy hair styles which may interfere with a proper facepiece seal will not be allowed to take any part of the practical examination, non-fire or fire.

MASSACHUSETTS FIRE TRAINING COUNCIL

*Certification Examination Application*

**SECTION 1 - EXAMINATION DATA**

*Print legibly and completely based on the instructions and enter the examination name, ex., Firefighter I/II.*

Examination: \_\_\_\_\_

*If you are taking this examination for the first time, check below.*

☐ Full Examination

*Any retake of portion(s) of this examination, check the appropriate box(s) below.*

☐ Written Only

☐ Practical Only

Examination Date: \_\_\_\_\_ Location: \_\_\_\_\_

ADA accommodations required. Check box. ☐

**SECTION 2 - APPLICANT DATA**

*Enter the following information. Name will appear on your certificate as it is printed below.*

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Initial: \_\_\_\_\_

Home Address: \_\_\_\_\_  
Street or Post Office Box City State Zip

Telephone: Home ( \_\_\_\_ ) \_\_\_\_\_ Work ( \_\_\_\_ ) \_\_\_\_\_ Soc. Sec. # \_\_\_\_\_

This is a new address and/or phone numbers. Check box. ☐

**SECTION 3 - FIRE SERVICE AFFILIATION**

I am a member of one or more of the following:

☐ A municipal fire department in the Commonwealth of Massachusetts, compensated or uncompensated, active or retired.

☐ A non-municipal organization whose sole function is to provide services equivalent to a municipal fire department to a municipality in the Commonwealth of Massachusetts, compensated or uncompensated, active or retired.

☐ Full-time employees of the Massachusetts Department of Fire Services; Massachusetts Department of Environmental Management; Massachusetts Port Authority; and the University of Massachusetts, Amherst; active or retired.\*

\*Full-time employees of the Department of Fire Services are defined as those full-time employees in the Haz-Mat Division, the Office of the State Fire Marshal, and the Firefighting Academy. State Police personnel assigned to the Fire and Explosion Investigation Unit and the Hazardous Devices Unit are not considered full-time employees of the Department of Fire Services.

☐ Full-time, civilian (non-military) members of military fire departments on installations which are located within the Commonwealth of Massachusetts.

☐ Retired, full-time, career members of municipal fire departments in States other than the Commonwealth of Massachusetts.

Current Department or Organization Name: \_\_\_\_\_

Appointment Date: \_\_\_\_\_

I perform one or more of the following functions:

☐ Fire suppression, to include driver/operator ☐ Fire prevention ☐ Fire service training ☐ Public Fire Education

**SECTION 4 - ENTRANCE CRITERIA**

*Enter examination prerequisite certification level, if appropriate. If using MFA Recruit Program to fulfill criteria, enter "MFA Graduate" and graduation date.*

Prerequisite Level of Certification: \_\_\_\_\_ Date Granted: \_\_\_\_\_

## SECTION 5 - MISCELLANEOUS

*Check the appropriate box(es) below and complete the medical authorization form for any Firefighter or Hazardous Materials Technician exam and the protective clothing compliance form for any Firefighter or Hazardous Materials Technician exam.*

- ☐ Medical authorization form completed and enclosed.
- ☐ Medical authorization form is on file from a previous examination.
  
- ☐ Protective clothing compliance form completed and enclosed.

*Check the box below and submit proof of fulfilling the medical first responder requirements for certification*

*NOTE: This is not a requirement for acceptance into a Firefighter level examination, but will ultimately be required before certification is granted.*

- ☐ Proof attached of current successful completion of a course of instruction fulfilling the First Responder Training requirements of 105 CMR 171.010 through 171.240 as established by MGL Chapter 111, section 201
- ☐ Fire Officer prerequisite form completed and enclosed (for any Fire Officer examination, if appropriate.)

*Check the box below concerning forwarding of a copy of your certification, once awarded, to your Chief of Department.*

- ☐ My department is paying or reimbursing me for this certification. (A copy of your certification will automatically be sent to your chief of department.)
- ☐ My department is not paying or reimbursing me for this certification, however, I would like a copy of my certification forwarded to my chief of department.
- ☐ My department is not paying or reimbursing me for this certification. Please do not send a copy of my certification to my chief of department.

## SECTION 6 - APPLICANT CONFIRMATION

I, the applicant, by my signature below, attest that all of the above information is true, I am at least 18 years of age, and I possess a high school diploma or GED.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**The applicant will be notified by mail regarding their acceptance into this certification examination at the address provided in Section 2- Applicant Data.**

## SECTION 7 – APPLICATION FEE

The \$30.00 examination fee must be in the form of a personal check, money order, bank draft, municipal purchase order, or municipal check to the order of the **MASSACHUSETTS FIREFIGHTING ACADEMY TRUST FUND. Note: Cash cannot be accepted.**

Please indicate the form of payment enclosed.

☐ Personal Check ☐ Bank draft ☐ Money Order ☐ Municipal Check ☐ Municipal Purchase Order

Submit this application, any accompanying documentation, and the \$30.00 examination fee to:

**Certification Examination  
Massachusetts Fire Training Council  
P.O. Box 1025  
Stow, MA 01775**

This application, accompanying documentation and examination fee **MUST** be received at the above address no later than the close of business on the deadline date as listed in the examination schedule.

**Please note: There will be a \$15.00 charge for bounced checks per 801 CMR 408.**

*(This form is required for any Firefighter level OR Hazardous Materials Technician examination.)*

MASSACHUSETTS FIRE TRAINING COUNCIL

## MEDICAL AUTHORIZATION FOR CERTIFICATION

NAME \_\_\_\_\_ DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

The above named applicant for Fire Service Certification in the Commonwealth of Massachusetts has no known medical or physical conditions which would prevent participation in any or all of the physical activities which may be required by the practical skills demonstration portions of NFPA 1001 or NFPA 472.

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PHYSICIAN'S SIGNATURE                      DATE

**OR**

-----  
CHIEF OF DEPARTMENT SIGNATURE                      DATE

# MASSACHUSETTS FIRE TRAINING COUNCIL

## PROTECTIVE CLOTHING COMPLIANCE FORM

In accordance with Massachusetts Fire Training Council policy, this form must be completed for each person who applies for any Firefighter level or Hazardous Materials Technician certification examination.

Block "A" OR Block "B" must be completed by the appropriate party.

### BLOCK "A"

My endorsement in this block indicates that the turnout gear which is brought to the certification examination by \_\_\_\_\_ has been  
(print candidate's name)

purchased by this department and at the time of purchase it complied with the following standards:

NFPA 1971 – Standard on Protective Clothing for Structural Firefighting  
Full Ensemble includes- Helmet, Protective Hood, Coat, trousers, gloves and boots

\_\_\_\_\_  
Chief of Department Signature

\_\_\_\_\_  
Date

### BLOCK "B"

My endorsement in this block indicates that the turnout gear which is brought to the certification examination by me \_\_\_\_\_ has been  
(print candidate's name)

purchased by me and at the time of purchase it complied with the following standards:

NFPA 1971 – Standard on Protective Clothing for Structural Firefighting  
Full Ensemble includes- Helmet, Protective Hood, Coat, trousers, gloves and boots

\_\_\_\_\_  
Candidate Signature

\_\_\_\_\_  
Date